

PTO/SB/01 (08-03)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

First Named Inventor

Yiqing Liang

COMPLETE IF KNOWN

Application Number

10/698,044

Filing Date

10/30/2003

Art Unit

2625

Examiner Name

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Unified system and method for animal behavior characterization in home cages using video analysis

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

10/30/2003

as United States Application Number or PCT International

Application Number

10/698,044

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

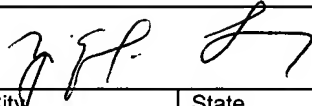
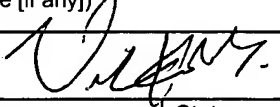
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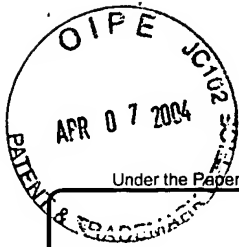
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>		<b>OR</b> <input checked="" type="checkbox"/> Correspondence address below	
<b>Name</b> Yiqing Liang			
<b>Address</b> 1334 Stokley Way			
<b>City</b> Vienna		<b>State</b> VA	<b>ZIP</b> 22182
<b>Country</b> USA	<b>Telephone</b> 703-757-7382	<b>Fax</b> 703-757-7467	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Yiqing		<b>Family Name</b> or Surname Liang	
<b>Inventor's Signature</b> 			<b>Date</b> 4/6/2004
<b>Residence: City</b> Vienna	<b>State</b> Virginia	<b>Country</b> USA	<b>Citizenship</b> P.R. China
<b>Mailing Address</b> 1334 Stokley Way			
<b>City</b> Vienna	<b>State</b> Virginia	<b>ZIP</b> 22182	<b>Country</b> USA
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Vikrant		<b>Family Name</b> or Surname Kobla	
<b>Inventor's Signature</b> 			<b>Date</b> APRIL 5, 2004
<b>Residence: City</b> Ashburn	<b>State</b> Virginia	<b>Country</b> USA	<b>Citizenship</b> US
<b>Mailing Address</b> 21674 Kings Crossing Terrace			
<b>City</b> Ashburn	<b>State</b> Virginia	<b>ZIP</b> 20147	<b>Country</b> USA
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



# DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Xuesheng		Bai	
Inventor's Signature <i>Xuesheng Bai</i>		Date <i>April 5, 2004</i>	
Reston Residence: City	Virginia State	USA Country	P.R. China Citizenship
21674 Kings Crossing Terroace Mailing Address			
Carter Lake Aptment Mailing Address			
Reston City	Virginia State	20190 Zip	USA Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yi		Zhang	
Inventor's Signature <i>Yi Zhang</i>		Date <i>Apr. 05, 2004</i>	
Fairfax Residence: City	Virginia State	USA Country	P. R. China Citizenship
13317 Burkitts Road Mailing Address			
Mailing Address			
Fairfax City	Virginia State	22033 Zip	USA Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, Yiqing Liang, a citizen of the People's Republic of China, and Vikrant Kobla, a citizen of the United States, Xuesheng Bai, a citizen of the People's Republic of China, and Yi Zhang, a citizen of the people's Republic of China (hereinafter referred to as "ASSIGNORS"), have invented A UNIFIED SYSTEM AND METHOD FOR ANIMAL BEHAVIOR CHARACTERIZATION IN HOME CAGES USING VIDEO ANALYSIS, for which application for Letters Patent of the United States of America has been filed on October 30, 2003, and assigned Serial No. 10/698,044; and

WHEREAS, **CLEVER SYS. INC.**, a corporation organized and existing under and by virtue of the laws of the State of Virginia and having its place of business at 1334 Stokley Way, Vienna, Virginia 22182 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application, and to any constitution, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

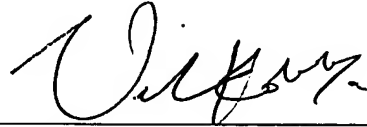
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE to its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

  
Yiding Liang

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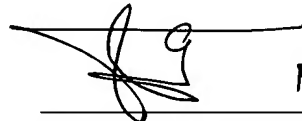
WITNESS my hand at RESTON, VA  
this 5 day of APRIL, 2004

  
Vikrant Kobra

STATE OF VA)  
) SS  
COUNTRY OF FAIRFAX)

On 4/5/2004, before me, the undersigned Notary Public, personally appeared Vikrant Kobra, ☐ personally know to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

  
FARIDEH MULLA-FIROZA  
Notary Public in and for said County and State VA

Xuesheng Bai

WITNESS my hand and official seal

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WITNESS my hand at Reston, VA  
this 6 day of April, 2004

Yi Zhang  
Yi Zhang

STATE OF Virginia )  
COUNTRY OF Fairfax USA ) SS

On 6 April 04, before me, the undersigned Notary Public, personally appeared Yi Zhang, ☐ personally know to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Emily Caputo  
Notary Public in and for said County and State